

FIG. 1

1. The present invention relates to a system for monitoring and controlling a therapy.
 2. More particularly, the invention relates to a system for monitoring and controlling a therapy using a microprocessor.
 3. The system includes a microprocessor (74) which is connected to a timing control unit (72) and a telemetry unit (78).
 4. The microprocessor (74) is also connected to a RAM/ROM unit (76).
 5. The timing control unit (72) is connected to a therapy monitor (70).
 6. The system is powered by a battery (V).

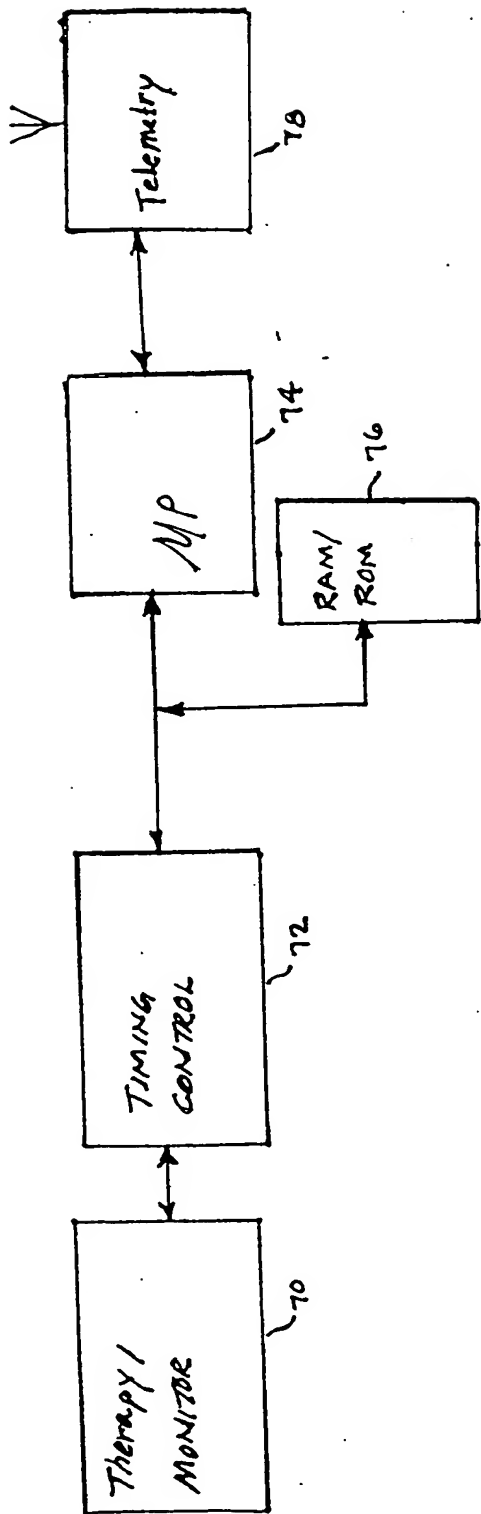


FIG - 2

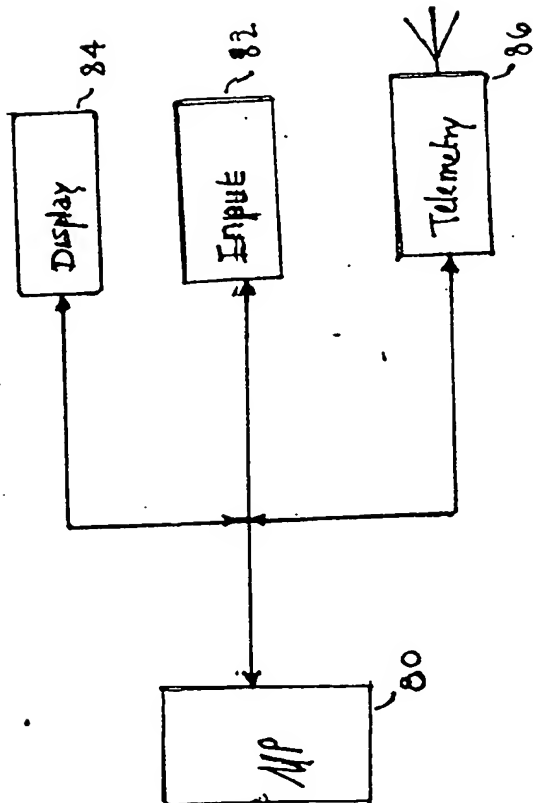


FIG - 3A

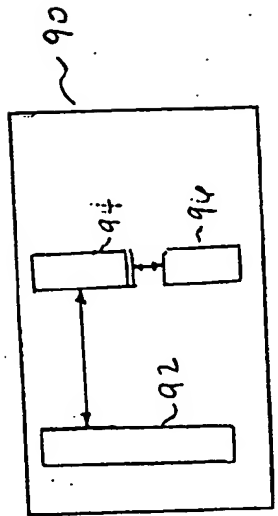


FIG - 3B

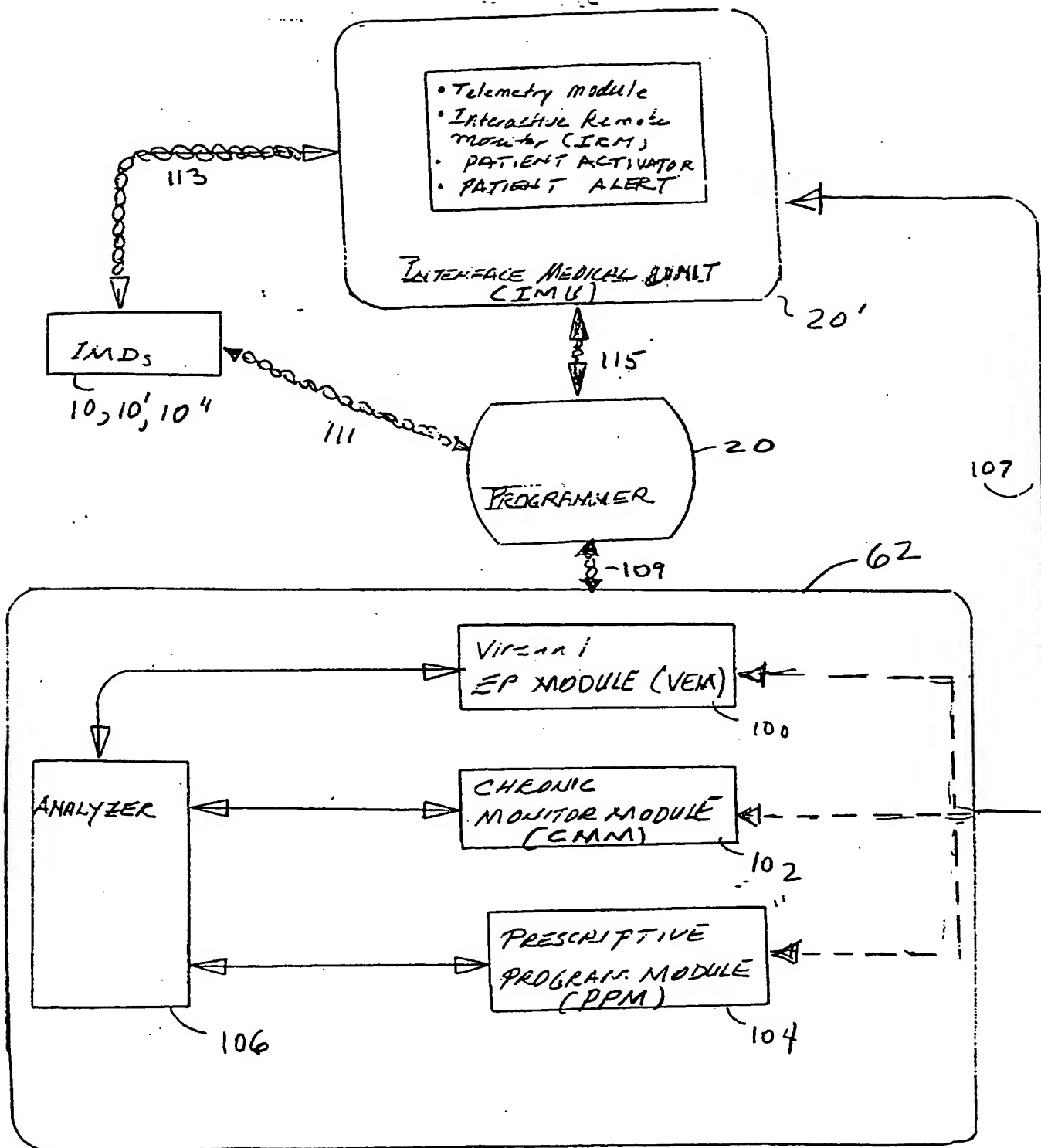


FIG 4

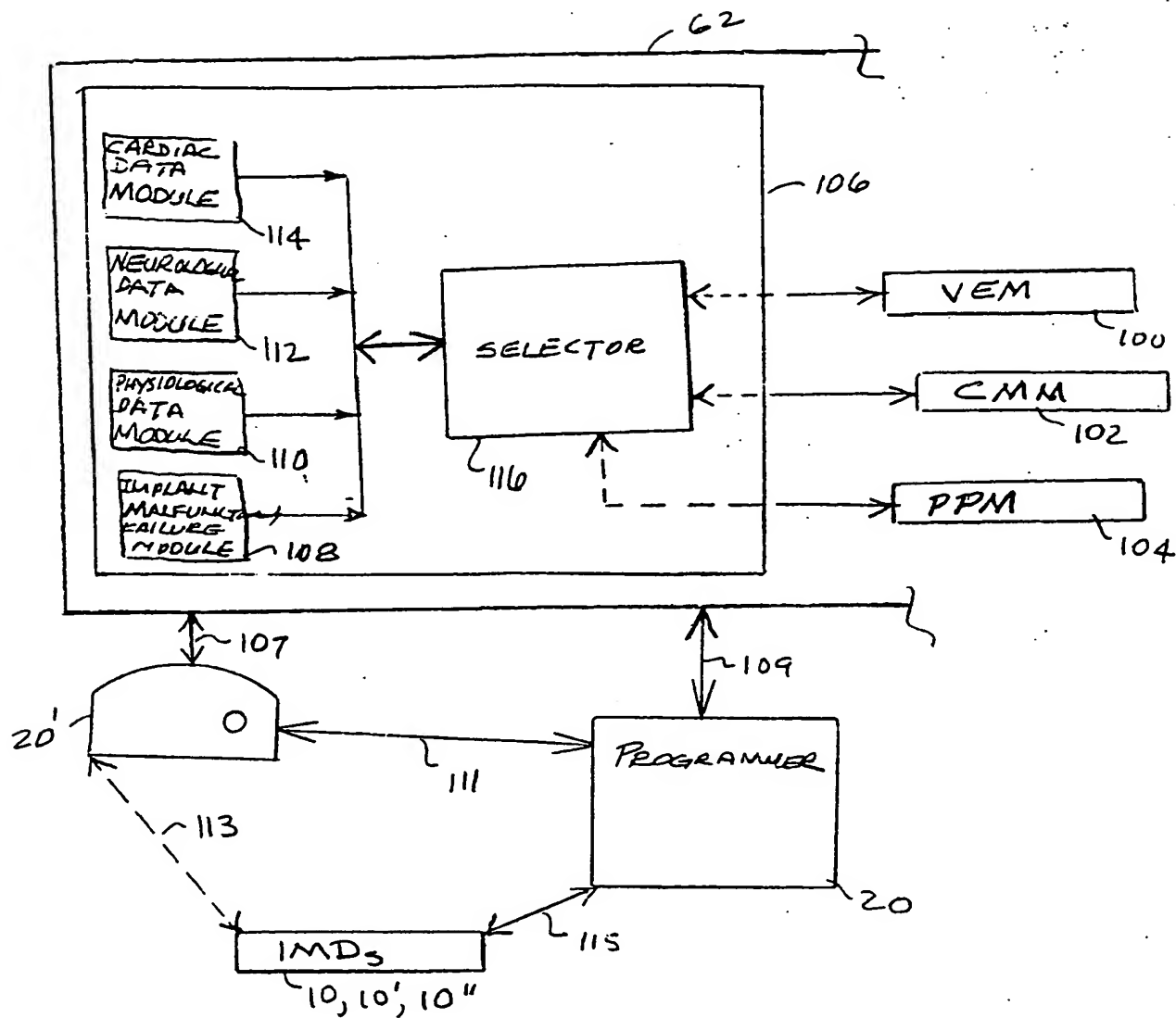


FIG. 5

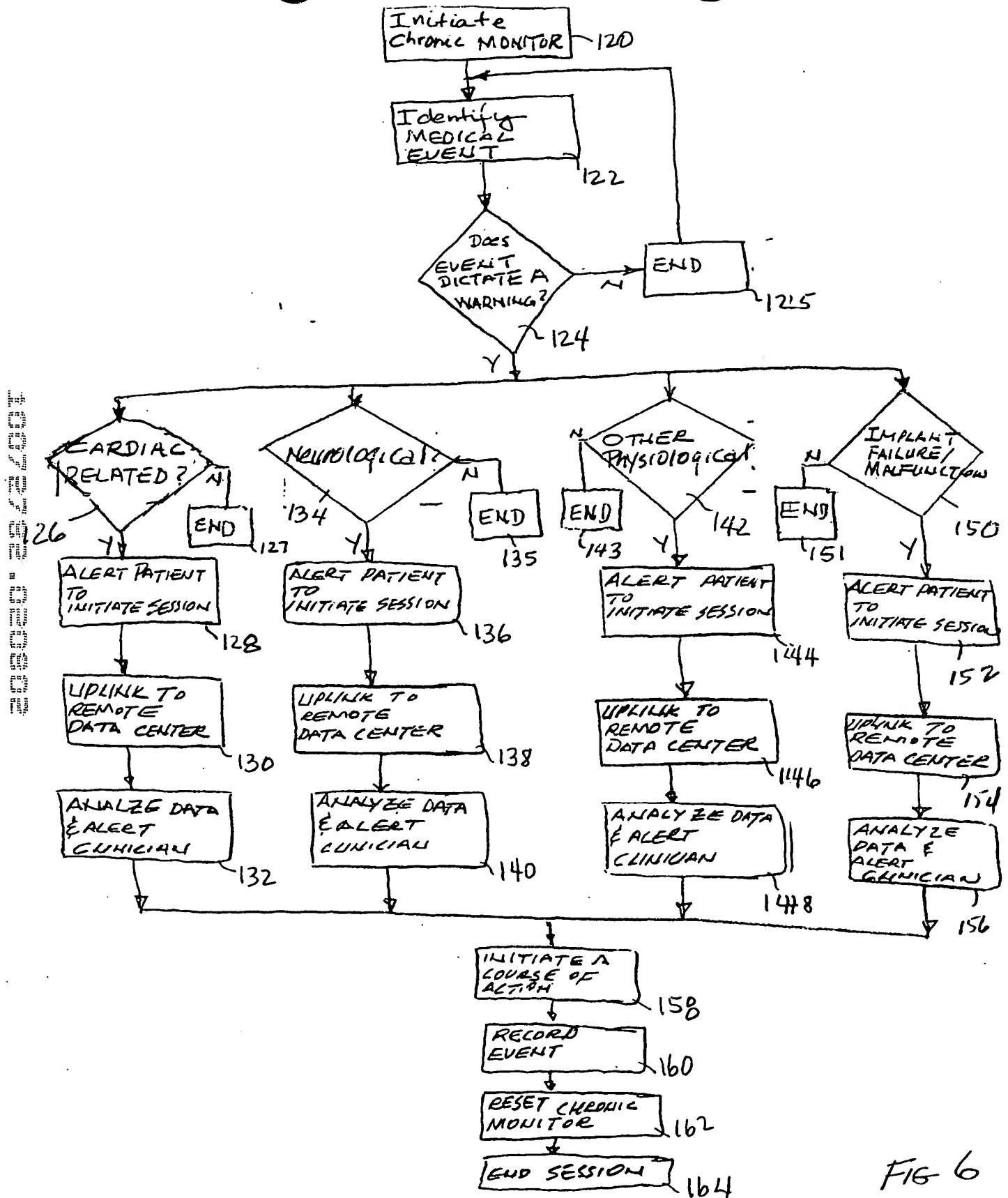


FIG 6

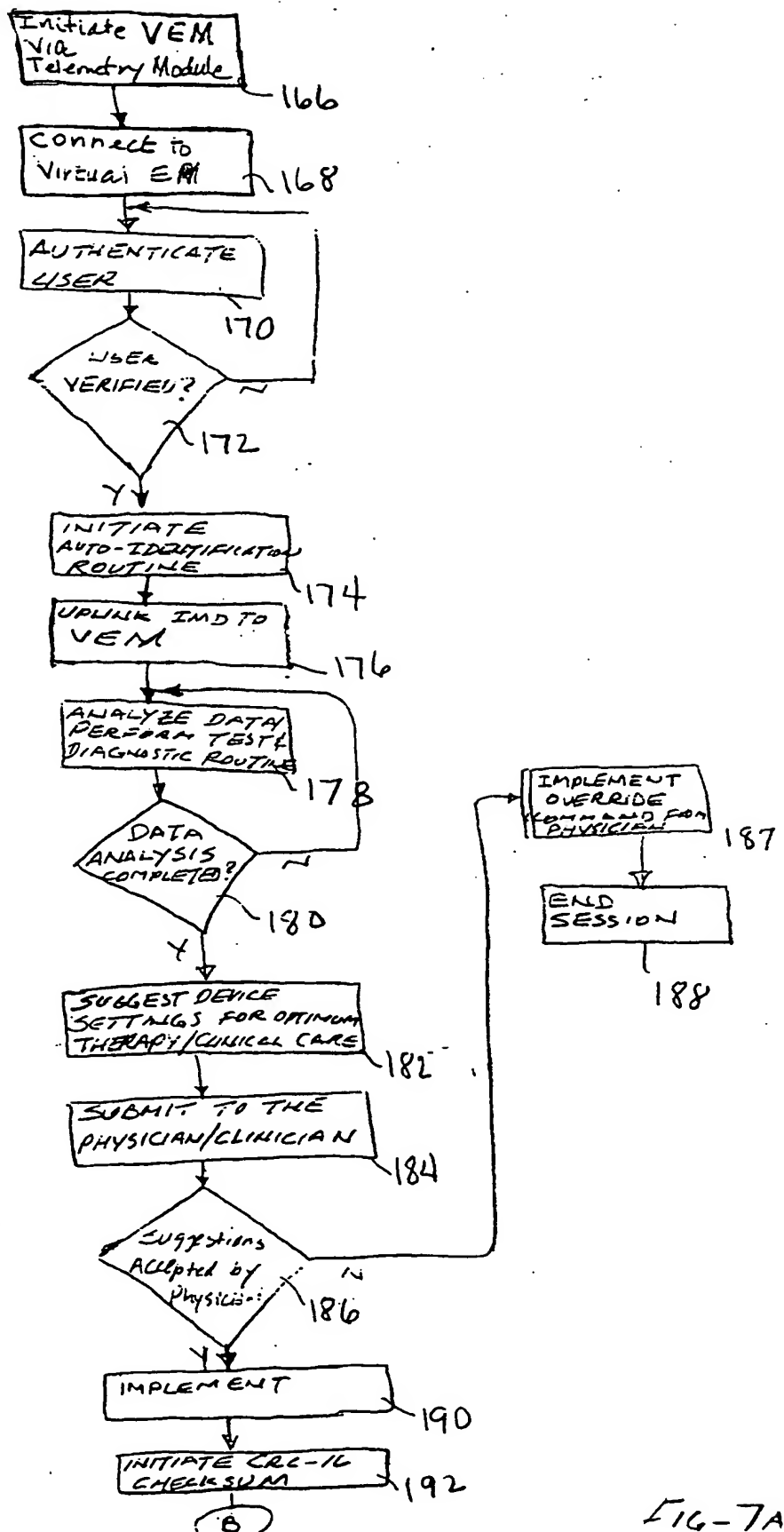


FIG-7A

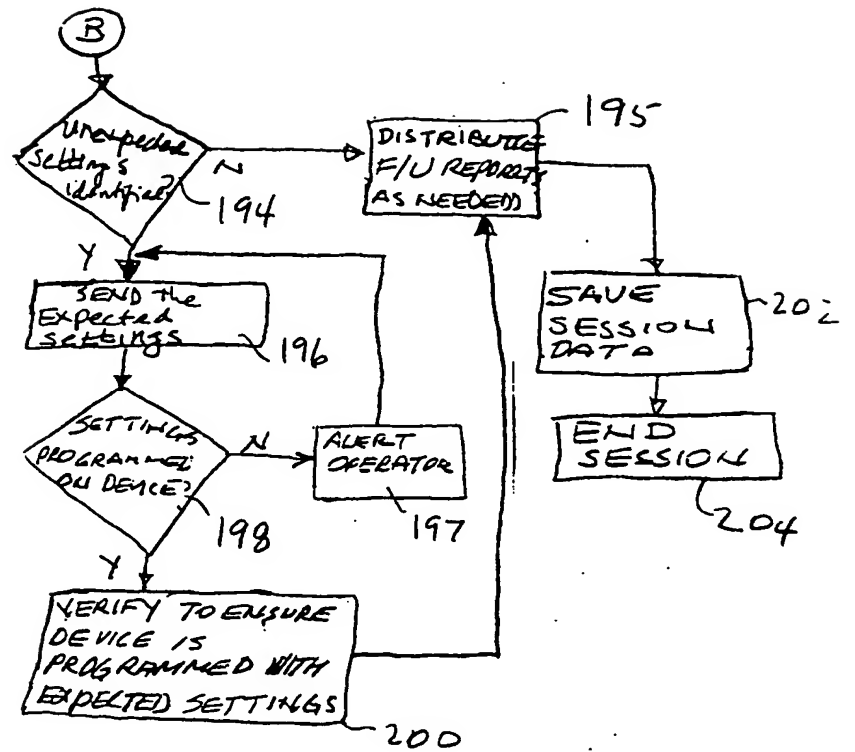


FIG 7E

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graph TD
    210[INITIATE PPM :  
(BY PHYSICIAN)] --> 212[ACTIVATE SECURE MODE]
    212 --> 214[AUTHENTICATE USER]
    214 --> 216{USER AUTHENTICATED?}
    216 -- N --> 215[END]
    216 -- Y --> 218[ACCESS DATA REPOSITORY]
    218 --> 220{ADD NEW PRESCRIPTION?}
    220 -- N --> 221[END]
    220 -- Y --> 222[INSTALL NEW PRESCRIPTION]
    222 --> 224[CONFIRM ACCURACY]
    224 --> 226[END SESSION]
    218 --> 228{REVIEW PATIENT DATA?}
    228 -- N --> 229[END]
    228 -- Y --> 230[UPGRADE DATA]
    230 --> 232[INSTALL IN PATIENT FILE]
    232 --> 234[CALL PATIENT]
    234 --> 236[TRANSFER TO PATIENT]
    236 --> 238[RECORD TRANSFER]
    238 --> 240[END SESSION]

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FIG-7A

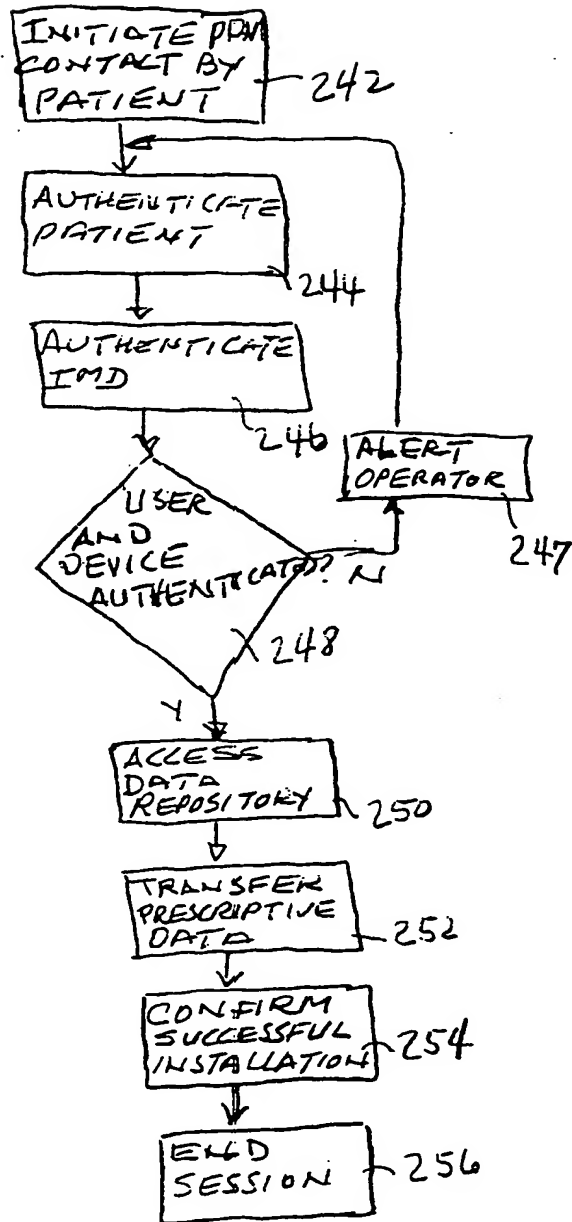


FIG. 2E

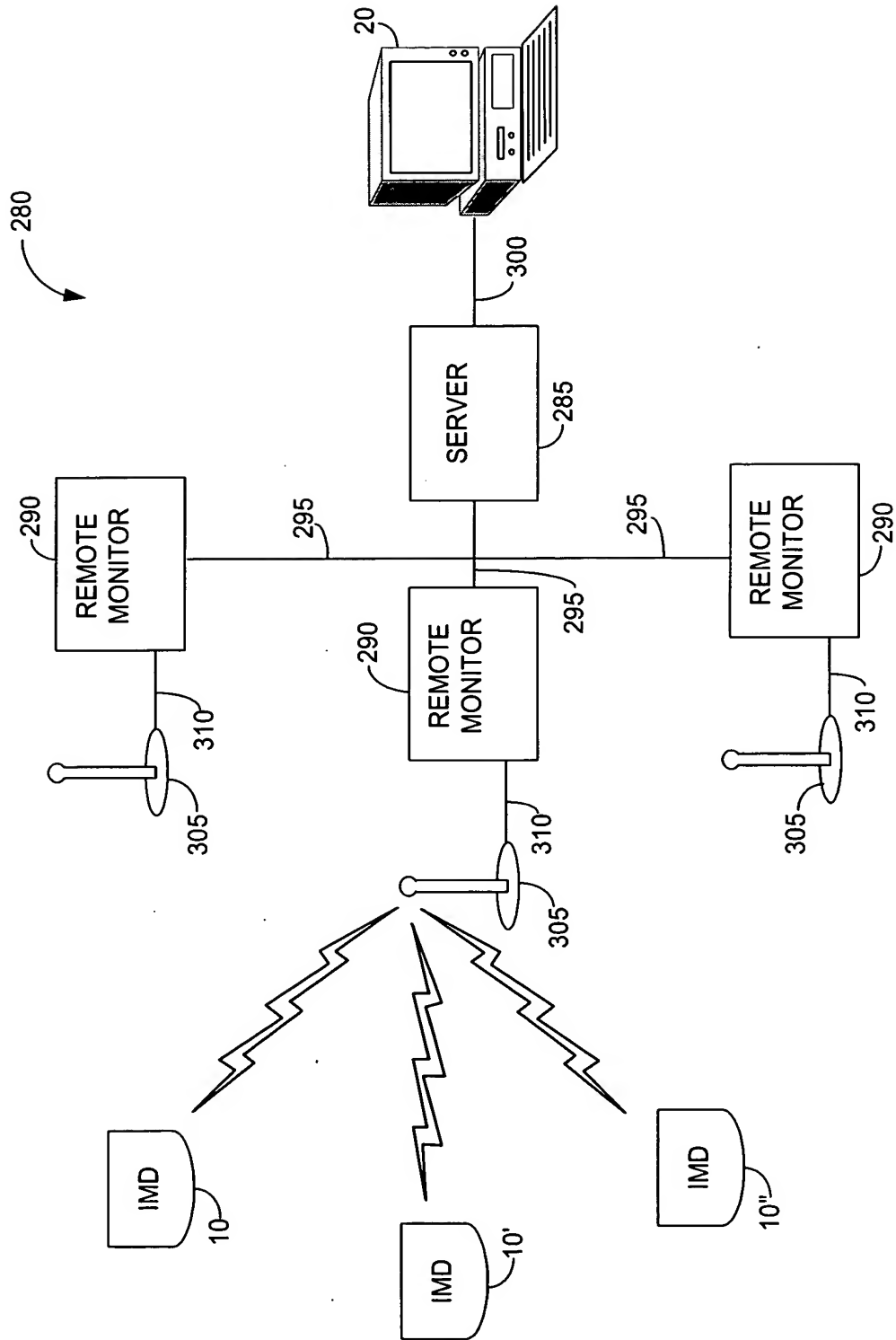


Figure 9

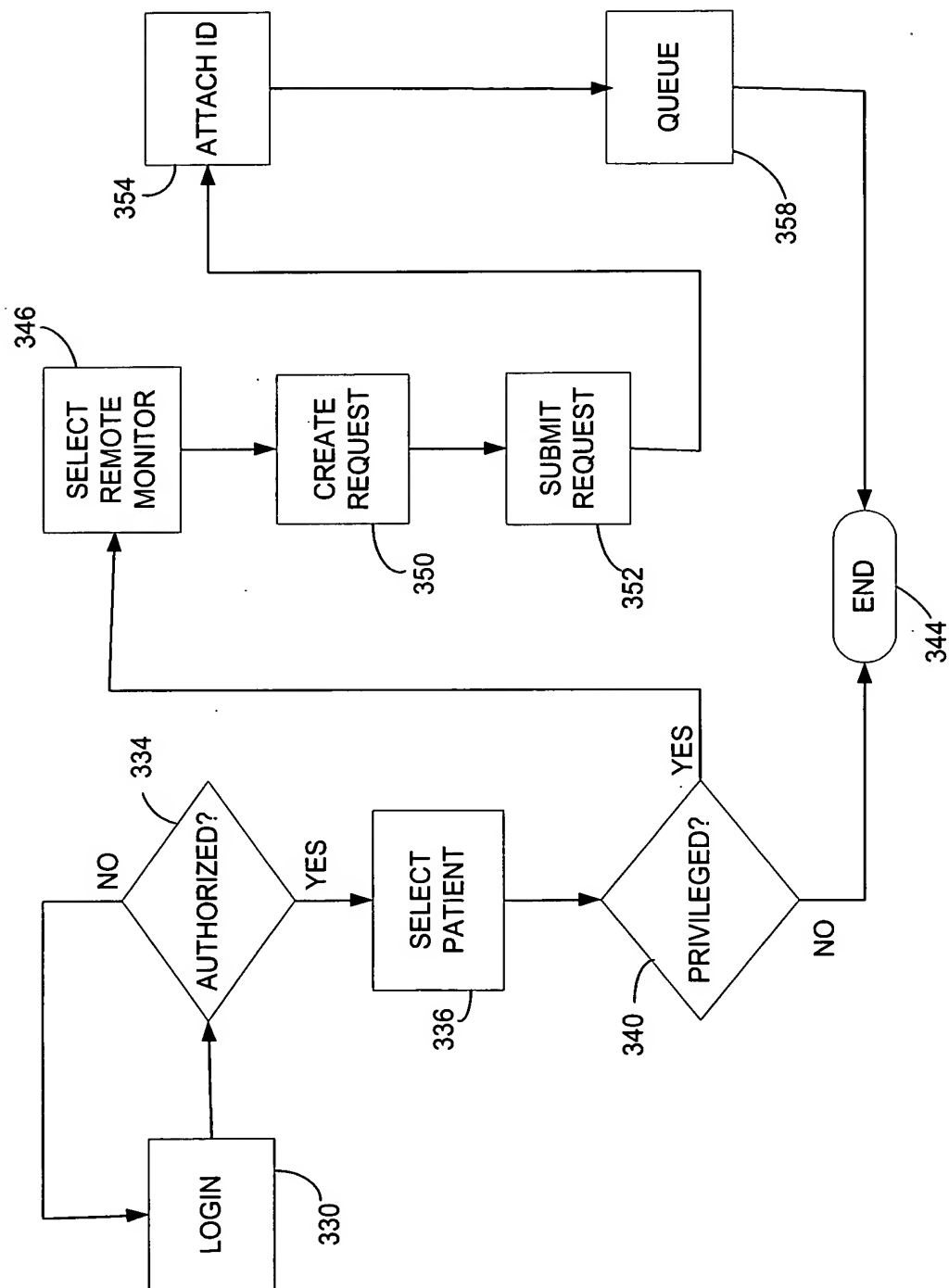


Figure 10A

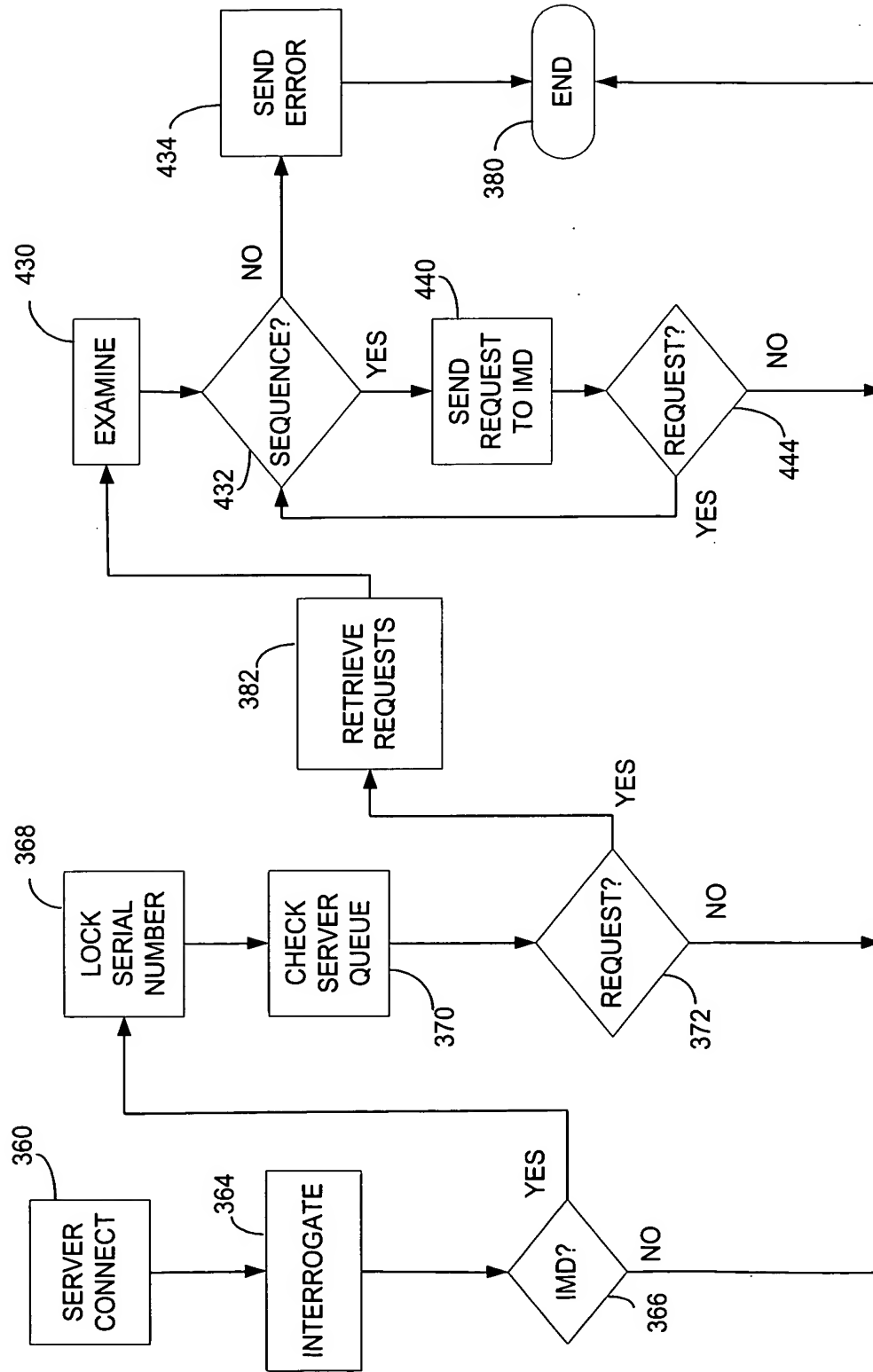


Figure 10B

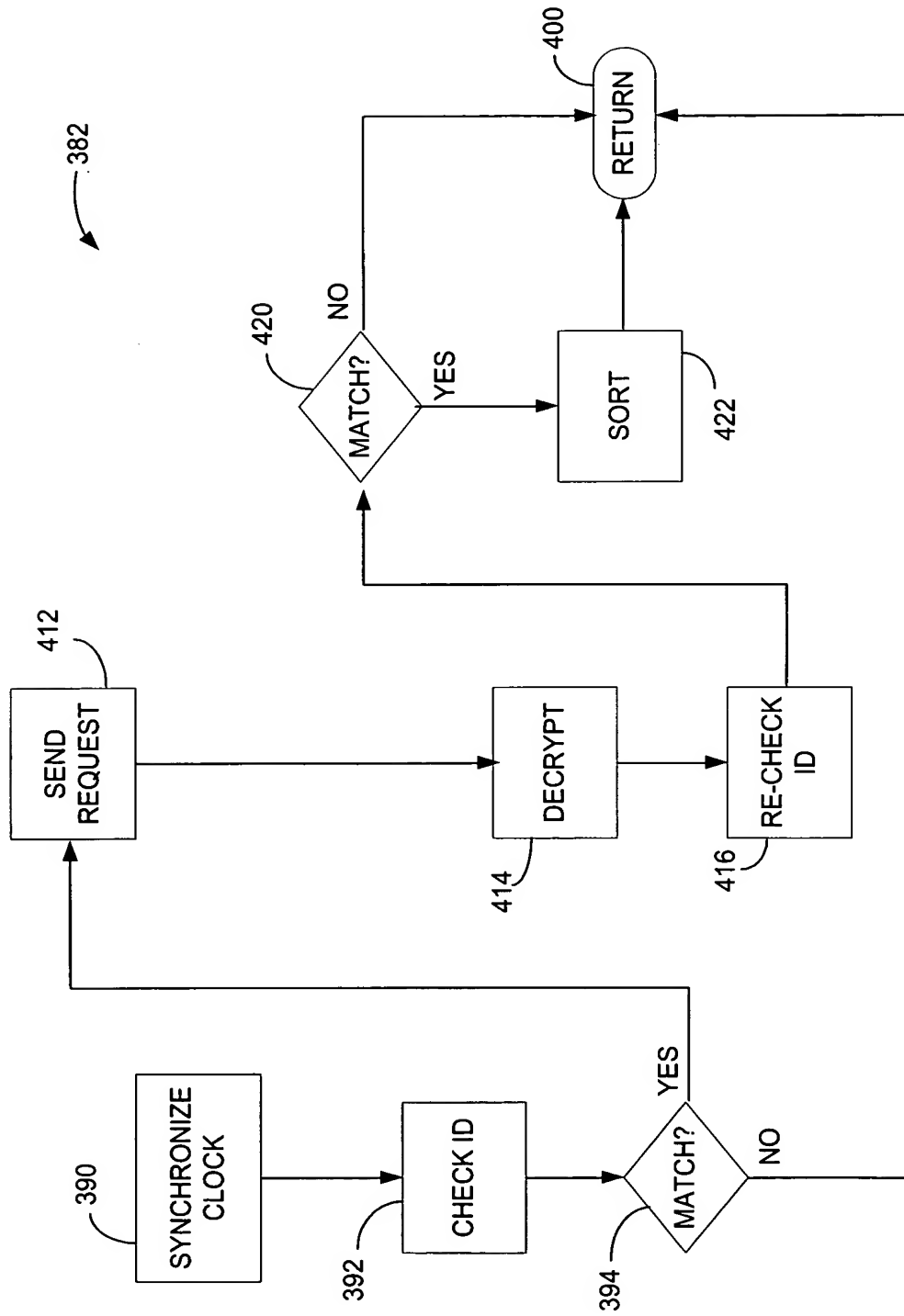


Figure 10C